WARNING: Risk of electric shock! Disconnect the device from mains power supply before carrying out the following steps.

1 Disassembly

1.1 Remove the screws 1, 2, 3, and 4.
(Figure 1)

1.2 Disconnect the plug-in connector from the Relay PCB 8305951 acc. to terminal diagram
(disconnect screw connections where applicable).
(Figure 2)

1.3 Removing the protective grid from the underside of the radiant heater:
Remove the screws 5 through 12.
(Figure 3)

1.4 Dismounting the reflector unit:
Remove the screws 13 through 16.
(Figure 3)

1.5 Removing the plates A and B
(Note: the plate B is not available in all radiant heaters).
(Figure 4)

1.5.1 Plate A:
Remove the screws 17 and 18.
(Figure 4)

1.5.2 Plate B:
Remove the screws 19 through 22.
(Figure 4)

1.6 Disconnect the cable connections of the ceramic heating elements from the screw terminals C through E.
(Figure 5)

1.7 Remove the silicone tubes F (8x) from the connecting cables.
Caution: When removing the silicone tubes, make sure not to damage the ceramic insulation.
(Figure 5)

1.8 Cut the enclosed Teflon tube into 8 pieces of 60 mm length and slide them over the ceramic insulation of the connecting cables.

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2 Reassembly

2.1 Connect the cable connections of the ceramic heating elements to the screw terminals C through E.

2.2 Reassemble the radiant heater using the reverse method of that used for disassembly. The 4 fixing screws of RH 600 shall be secured with Loctite 221!

3 Testing

3.1 Testing according to Test Certificate 6133.1 or 6134.0
Measure the leakage currents and the protective conductor contact resistance according to IEC 601-1.

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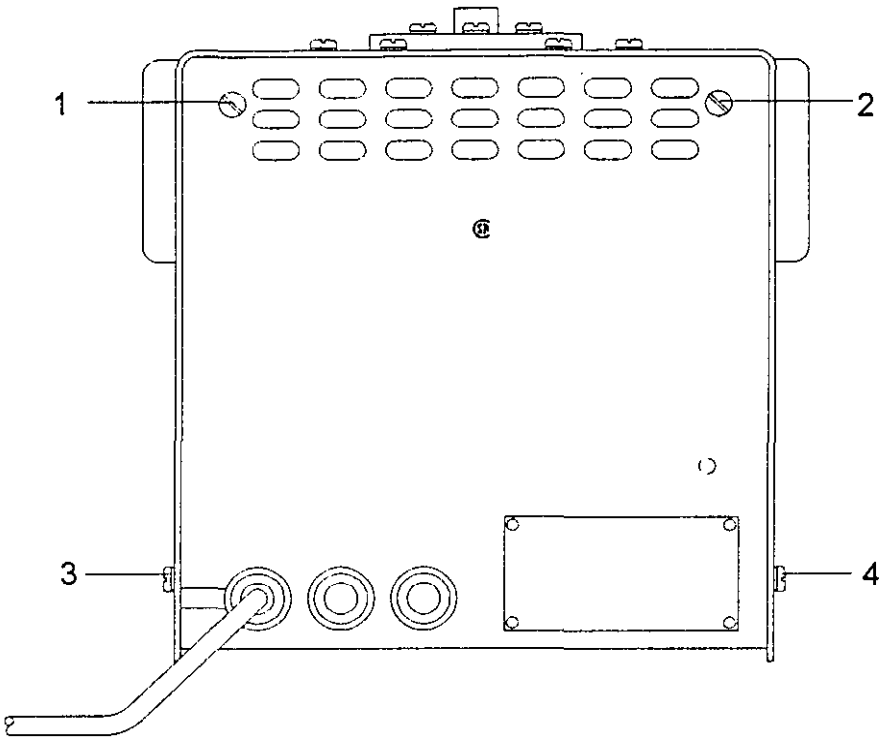
D3

Bild/Fig. 1
Pkt./step 1.1

Rückseite/rearside



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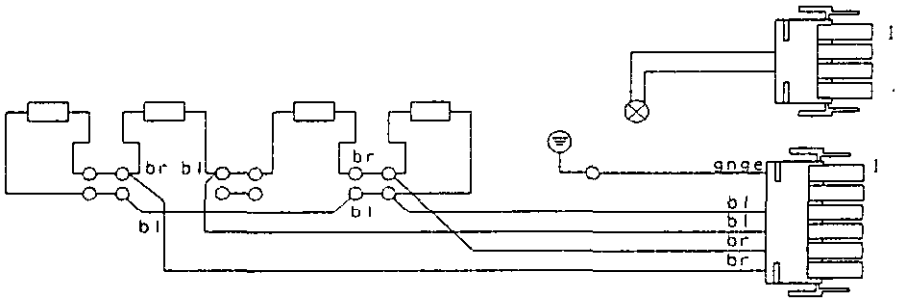
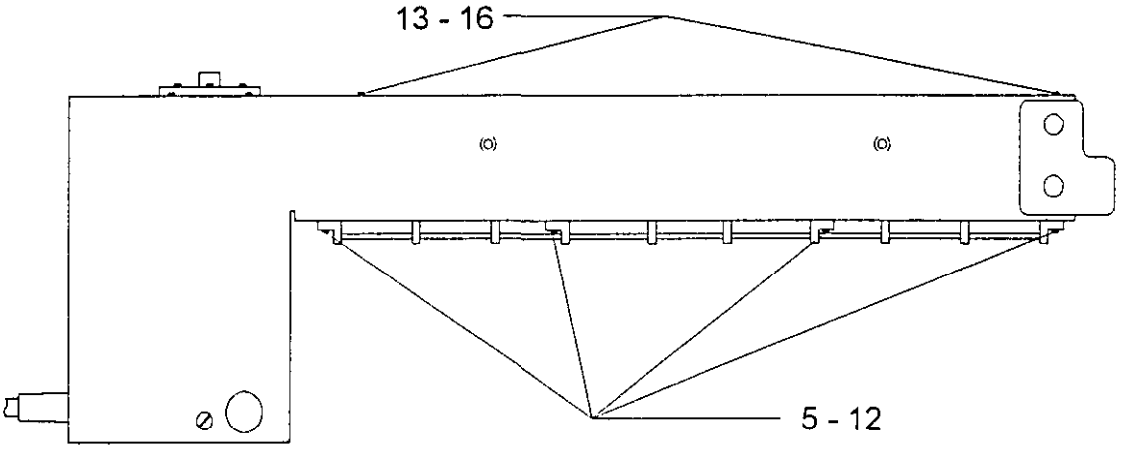
Bild/Fig. 2
Pkt./step 1.2

Anschlußplan/connection scheme



D4

Bild/Fig. 3
Pkt./step 1.3
1.4



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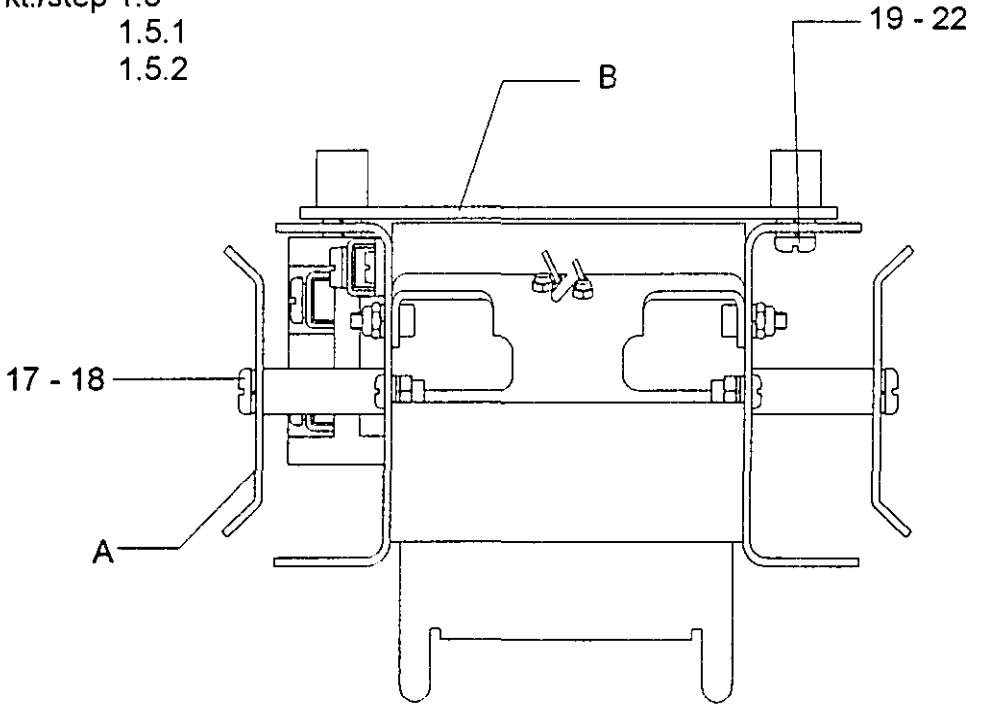
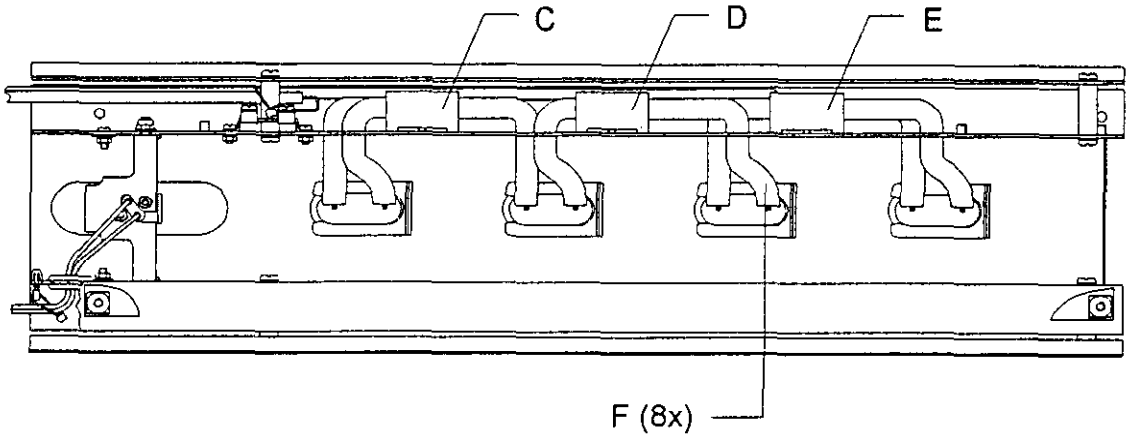
Bild/Fig. 4
Pkt./step 1.5
1.5.1
1.5.2



Bild/Fig. 5
Pkt./step 1.6
1.7



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D6